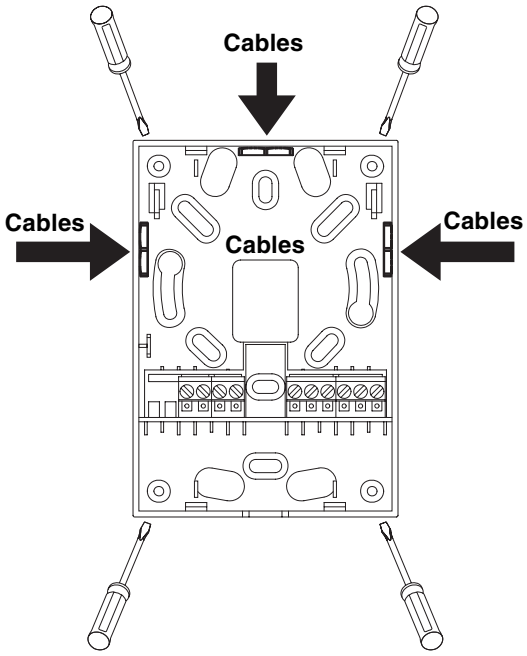
STR150®

Wall Module with Display

0FL-4070-000

User's Manual

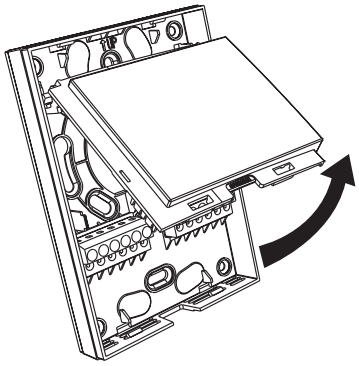
MOUNTING, CABLES



To avoid base-plate deformation, be careful when tightening the mounting screws. Note that the enclosed screws are mainly intended for the US and Australian markets.

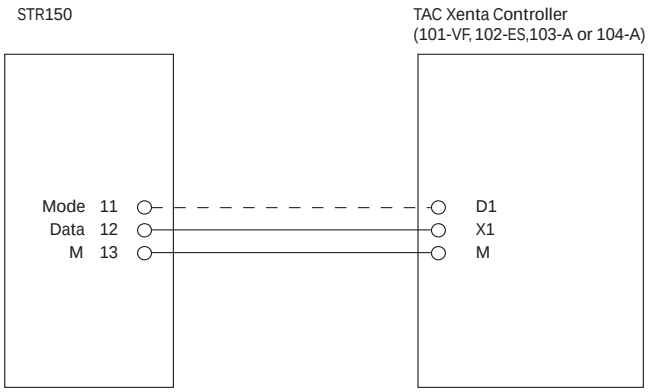
REMOVING THE CORE

The core panel is attached to the base-plate using two hinges. Remove the core panel by pushing the bottom of the core panel upwards, then unhinging the core panel from the base-plate.



CONNECTING

Connecting STR150 to a TAC Xenta 100 Family Controller



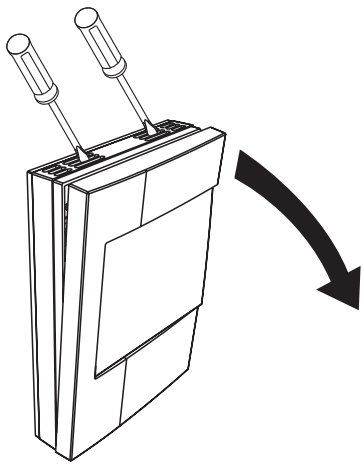
Wiring

Cable type ..... Twisted pair, unshielded
Cable size ..... Min 0.7 mm² (19 AWG)
Distance ..... Max 30 m (100 Ft)

ATTACHING/REMOVING THE FRONT

The front panel is attached to the base-plate using four clamps, two at the top of the front panel and two at the bottom.

When removing the front panel use a screwdriver (or similar) and push gently to unhook the clamps at the top or bottom of the front panel.



NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

USER INTERFACE

Adjusting the Room Temperature

The increase button increases the temperature setpoint in steps of 0.1 or 0.5°C (0.2 or 1.0°F).

The decrease button decreases the temperature setpoint in steps of 0.1 or 0.5°C (0.2 or 1.0°F).

Changing to Occupied Mode

The bypass button is used to change from standby (economy) or unoccupied mode to comfort mode. When entering comfort mode, the symbol on the display shows a steady light. When the bypass time expires, the symbol returns to its previous status again, provided that the feedback mode is connected. Otherwise the symbol returns to the Off status after two hours.

Adjusting the Fan Speed

The fan button is used to override the automatic fan control. The different fan modes are represented by the fan group symbol on the display.

When the fan button is pushed, the fan symbol on the display starts to flash, indicating that the mode can be changed.

By pushing the button again it is possible to circle between the modes. The fan symbol resumes a steady light after five seconds, confirming the chosen mode.

Fan Speed Symbols

On/Off Fan	Two-Speed Fan	Three-Speed Fan
Auto AUTO	Auto AUTO	Auto AUTO
Off	Off	Off
On	Fan Speed 1	Fan Speed 1
	Fans Speed 2	Fan Speed 2
		Fan Speed 3

CONFIGURATION

Enter Configuration Mode

Push the fan and bypass buttons simultaneously for 2 seconds to enter P0. In P0, hold down the bypass button and push the fan button three times.

The wrench symbol is lit when the STR150 is in configuration mode.

Exit Configuration Mode

Push the fan and man button for 2 seconds. The timeout will exit configuration mode if idle.

Selecting Parameters and Values

In configuration mode, the two digits farthest to the left on the display show the parameters, while the two digits farthest to the right shows the value.

Press the fan button repeatedly to select different parameters.

Change the value by pressing the increase or decrease buttons.

Configuration Options

Parameter	Function	Value/Range	Default value
P0	Software Version	-	-
P1	°C or °F temperature display	1=°C, 2=°F	1=°C
P2	Reference temperature (Reftemp)	15-30°C / 60-90°F	22°C / 72°F
P3	Setpoint or room temp. as default	1=Setpt, 2=Room	1= Setpt
P3	Timeout	5-90 seconds	10 seconds
P5	Fan settings	0= No fan 1= On/Off fan 2= Two-speed fan 3= Three-speed fan	3= Three-speed fan
P6	Room temperature and setpoint display resolution	0.1 or 0.5 °C 0.2 or 1.0 °F	0.5 °C 0.2 °F
P7	Max adjustable setpoint span above or below Reftemp (P2).	+/- 0 - +/- 5°C +/- 0 - +/- 10°F	+/- 3° or +/- 6°F
P8	Bypass button and occupancy indication When = 2, no bypass command is sent to the controller	1= Symbol on, off or flashing 2= Symbol always off	Default 1=on, off or flashing

Note that P0 is also used for display test.

Press the increase button when P0 is displayed to show all symbols in the display.

Press the decrease button when P0 is displayed to turn off all symbols in the display.

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